

AMENDMENT

Please amend the claims without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows:

In the Claims

1-28. (Cancelled)

29. (Currently amended) The DNA molecule of claim ~~[[28]]~~ 34, wherein the first primer consists of the nucleotide sequence of SEQ ID NO:11, and wherein the second primer consists of the nucleotide sequence of SEQ ID NO:12.

30. (Currently amended) A DNA molecule, ~~which can be amplified from a nucleic acid sample of corn using a set of primers comprising a first and second primer, wherein the first primer consists of SEQ ID NO:11, and wherein the second primer consists of SEQ ID NO:12 and using PCR conditions with a thermocycling profile as follows:~~

(i) ~~4 min at 95°C; followed by~~

(ii) ~~1 min at 95°C, 1 min at 57°C, 2 min at 72°C for 5 cycles; followed by~~

(iii) ~~30 seconds at 92°C, 30 seconds at 57°C, 1 min at 72°C for 25 cycles, followed by~~

(iv) ~~5 minutes at 72°C~~ consisting of nucleotides 286 to 487 of SEQ ID NO:6.

31. (Currently amended) A detection kit comprising the DNA of claim ~~[[28]]~~ 34.

32. (Cancelled).

33. (Cancelled)

34. (Currently amended) A DNA molecule, ~~which can be amplified~~ produced by polymerase chain reaction (PCR) from a nucleic acid sample of corn comprising elite event GAT-ZM1, using a set of primers comprising a first and second primer, wherein:

a) said first primer consists of a sequence of 15 to 30 contiguous nucleotides complementary to a sequence within SEQ ID NO:6 from position 1 to position 341 or the complement thereof and wherein said second primer consists of a sequence of 15 to 30 contiguous nucleotides within SEQ ID NO:6 from position 342 to position 1041 or the complement thereof, or wherein

b) said first primer consists of a sequence of 15 to 30 contiguous nucleotides complementary to a sequence within SEQ ID NO:10 from position 343 to position 484 or the complement thereof, and said second primer consists of a sequence of 15 to 30 nucleotides

~~complementary to a sequence within SEQ ID NO:6 from position 342 to position 1041 or the complement thereof, or wherein said second primer consists of a sequence of 15 to 30 contiguous nucleotides complementary to a sequence within SEQ ID NO:10 from position 1 to position 342 or the complement thereof;~~

~~wherein, and using~~ PCR conditions with a thermocycling profile are as follows:

- (i) 4 min at 95°C; followed by
- (ii) 1 min at 95°C, 1 min at 57°C, 2 min at 72°C for 5 cycles; followed by
- (iii) 30 seconds at 92°C, 30 seconds at 57°C, 1 min at 72°C for 25 cycles, followed by
- (iv) 5 minutes at 72°C;

wherein the sequence of said DNA molecule comprises (i) nucleotides 286 to 487 of SEQ ID NO:6 or (ii) SEQ ID NO:10.

35. (New) An isolated DNA molecule comprising a nucleotide sequence selected from (i) a nucleotide sequence starting from a nucleotide between positions 1 and 286 of SEQ ID NO:6 and ending at a nucleotide between positions 487 and 1041 of SEQ ID NO:6 and (ii) SEQ ID NO:10.

36. (New) The DNA molecule of claim 35 comprising the nucleotide sequence of SEQ ID NO:6.